

REPORT ZSTATIC_AND_INSTANCE.

CLASS LCL_CAR DEFINITION.

PUBLIC SECTION.

METHODS:

CONSTRUCTOR IMPORTING CAR_MODEL TYPE STRING CAR_COLOR TYPE sSTRING,SHOW_DETAILS.

CLASS-METHODS : SHOW_TOTAL_NO_OF_CARS.

PRIVATE SECTION.

DATA:MODEL TYPE STRING,

COLR TYPE STRING.

CLASS-DATA TOTAL_CARS TYPE I.

ENDCLASS.

CLASS LCL_CAR IMPLEMENTATION.

METHOD CONSTRUCTOR.

MODEL = CAR_MODEL.

COLR = CAR_COLOR.

TOTAL_CARS = TOTAL_CARS + 1.

ENDMETHOD.

METHOD SHOW_DETAILS.

WRITE :/ 'THE CURRENT OBJECT DETAILS ARE :--' COLOR 5.

ULINE.

WRITE :/ 'MODEL ', MODEL COLOR 2, ' COLOR ', COLR COLOR 6 .

ENDMETHOD.

METHOD SHOW_TOTAL_NO_OF_CARS.

WRITE :/ 'TOTAL NO OF CARS ARE :--', TOTAL_CARS.

ENDMETHOD.

ENDCLASS.

DATA : CAR1 TYPE REF TO LCL_CAR,

CAR2 TYPE REF TO LCL_CAR.

START-OF-SELECTION.

CREATE OBJECT : CAR1 EXPORTING CAR_MODEL = 'M' CAR_COLOR = 'BLACK',

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        CAR2 EXPORTING CAR_MODEL = 'M' CAR_COLOR = 'RED'.  
CALL METHOD CAR1->SHOW_DETAILS.  
ULINE.  
CALL METHOD LCL_CAR=>SHOW_TOTAL_NO_OF_CARS.
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REPORT ZCLASS_AND_FRIEND_CLASSES.
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CLASS LCL_SALES DEFINITION.  
    PUBLIC SECTION.  
    METHODS: PROCESS.  
ENDCLASS.
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```
CLASS LCL_CUSTOMER DEFINITION FRIENDS LCL_SALES.  
    PUBLIC SECTION.  
    METHODS: CONSTRUCTOR.
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```
    PRIVATE SECTION.  
        DATA : IT_KNA1 TYPE TABLE OF KNA1,  
                WA_KNA1 TYPE KNA1.  
ENDCLASS.
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```
CLASS lcl_customer IMPLEMENTATION.  
    METHOD CONSTRUCTOR.  
        SELECT * FROM KNA1 INTO TABLE it_kna1 UP TO 10 ROWS.  
    ENDMETHOD.  
ENDCLASS.
```

```
CLASS LCL_SALES IMPLEMENTATION.  
    METHOD PROCESS.  
        DATA : ITAB TYPE TABLE OF KNA1,  
                WA TYPE KNA1.
```

```
        DATA P_CUSTOMER TYPE REF TO LCL_CUSTOMER.  
        CREATE OBJECT p_customer.
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ITAB = p_customer->it_kna1.
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  LOOP AT ITAB INTO WA.  
    WRITE :/ WA-KUNNR, WA-NAME1.  
  ENDLOOP.  
ENDMETHOD.  
ENDCLASS.  
  
DATA O_SALES TYPE REF TO LCL_SALES.  
START-OF-SELECTION.  
  CREATE OBJECT O_SALES.  
  CALL METHOD O_SALES->PROCESS.
```